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PMID: 11812232 [PubMed - indexed for MEDLINE]

☐ 2: [Boehm T, Piric-Shepherd S, Trinh LB, Shiloach J, Folkman J.](#)[Related Articles, Links](#)**Disruption of the KEX1 gene in Pichia pastoris allows expression of full-length murine and human endostatin.**

Yeast. 1999 May;15(7):563-72.

PMID: 10341419 [PubMed - indexed for MEDLINE]

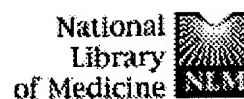
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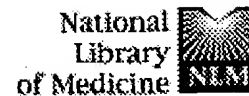
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[A novel approach to isolation and functional characterization of genomic DNA from the methylotrophic yeast *Hansenula polymorpha*]
Mol Biol (Mosk). 2003 Jan-Feb;37(1):81-7. Russian.
PMID: 12624950 [PubMed - indexed for MEDLINE]
- ☐ **2:** [van der Heide M, Hollenberg CP, van der Klei IJ, Veenhuis M.](#) Related Articles, Links

Overproduction of BiP negatively affects the secretion of *Aspergillus niger* glucose oxidase by the yeast *Hansenula polymorpha*.
Appl Microbiol Biotechnol. 2002 Mar;58(4):487-94.
PMID: 11954796 [PubMed - indexed for MEDLINE]
- ☐ **3:** [Heo JH, Won HS, Kang HA, Rhee SK, Chung BH.](#) Related Articles, Links

Purification of recombinant human epidermal growth factor secreted from the methylotrophic yeast *Hansenula polymorpha*.
Protein Expr Purif. 2002 Feb;24(1):117-22.
PMID: 11812232 [PubMed - indexed for MEDLINE]
- ☐ **4:** [Kiel JA, Rechinger KB, van der Klei IJ, Salomons FA, Titorenko VI, Veenhuis M.](#) Related Articles, Links

The *Hansenula polymorpha* PDD1 gene product, essential for the selective degradation of peroxisomes, is a homologue of *Saccharomyces cerevisiae* Vps34p.
Yeast. 1999 Jun 30;15(9):741-54.
PMID: 10398343 [PubMed - indexed for MEDLINE]
- ☐ **5:** [Mamoun CB, Beckerich JM, Gaillardin C, Kepes F.](#) Related Articles, Links

Disruption of YHC8, a member of the TSR1 gene family, reveals its direct involvement in yeast protein translocation.
J Biol Chem. 1999 Apr 16;274(16):11296-302.
PMID: 10196219 [PubMed - indexed for MEDLINE]
- ☐ **6:** [Bellu AR, van der Klei IJ, Rechinger KB, Yavuz M, Veenhuis M, Kiel JA.](#) Related Articles, Links

Characterization of the *Hansenula polymorpha* CPY gene encoding carboxypeptidase Y.
Yeast. 1999 Feb;15(3):181-9.
PMID: 10077185 [PubMed - indexed for MEDLINE]
- ☐ **7:** [Mannazzu I, Guerra E, Strabbioli R, Pediconi D, Fatichenti F.](#) Related Articles, Links

The vanadate-tolerant yeast *Hansenula polymorpha* undergoes cellular reorganization during growth in, and recovery from, the presence of

vanadate.

Microbiology. 1998 Sep;144 (Pt 9):2589-97.

PMID: 9782508 [PubMed - indexed for MEDLINE]

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1: Bayes A, Sonnenschein A, Daura X, Vendrell J, Aviles FX. Related Articles, Links

Procarboxypeptidase A from the insect pest *Helicoverpa armigera* and its derived enzyme. Two forms with new functional properties.
Eur J Biochem. 2003 Jul;270(14):3026-35.
PMID: 12846836 [PubMed - indexed for MEDLINE]

2: Agafonov MO, Deev AV, Kim SY, Sohn JH, Choi ES, Ter-Avanesian MD. Related Articles, Links

[A novel approach to isolation and functional characterization of genomic DNA from the methylotrophic yeast *Hansenula polymorpha*]
Mol Biol (Mosk). 2003 Jan-Feb;37(1):81-7. Russian.
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Purification of recombinant human epidermal growth factor secreted from the methylotrophic yeast *Hansenula polymorpha*.
Protein Expr Purif. 2002 Feb;24(1):117-22.
PMID: 11812232 [PubMed - indexed for MEDLINE]

5: Pru JK, Austin KJ, Perry DJ, Nighswonger AM, Hansen TR. Related Articles, Links


















Production, purification, and carboxy-terminal sequencing of bioactive recombinant bovine interferon-stimulated gene product 17.
Biol Reprod. 2000 Aug;63(2):619-28.
PMID: 10906073 [PubMed - indexed for MEDLINE]

6: Gomis-Ruth FX, Companys V, Qian Y, Fricker LD, Vendrell J, Aviles FX, Colli M. Related Articles, Links

Crystal structure of avian carboxypeptidase D domain II: a prototype for the regulatory metallocarboxypeptidase subfamily.
EMBO J. 1999 Nov 1;18(21):5817-26.
PMID: 10545093 [PubMed - indexed for MEDLINE]

7: Nagler DK, Zhang R, Tam W, Sulea T, Purisima EO, Menard R. Related Articles, Links

Human cathepsin X: A cysteine protease with unique carboxypeptidase activity.
Biochemistry. 1999 Sep 28;38(39):12648-54.
PMID: 10504234 [PubMed - indexed for MEDLINE]

-  **8:** [Mirgorodskaya E, Fierobe HP, Svensson B, Roepstorff P.](#) [Related Articles, Links](#)
 **Mass spectrometric identification of a stable catalytic cysteinesulfinic acid residue in an enzymatically active chemically modified glucoamylase mutant.**
J Mass Spectrom. 1999 Sep;34(9):952-7.
PMID: 10491591 [PubMed - indexed for MEDLINE]
-  **9:** [Kiel JA, Rechinger KB, van der Klei IJ, Salomons FA, Titorenko VI, Veenhuis M.](#) [Related Articles, Links](#)
 **The Hansenula polymorpha PDD1 gene product, essential for the selective degradation of peroxisomes, is a homologue of Saccharomyces cerevisiae Vps34p.**
Yeast. 1999 Jun 30;15(9):741-54.
PMID: 10398343 [PubMed - indexed for MEDLINE]
-  **10:** [Ventura S, Villegas V, Sterner J, Larson J, Vendrell J, Hershterger CL, Aviles FX.](#) [Related Articles, Links](#)
 **Mapping the pro-region of carboxypeptidase B by protein engineering. Cloning, overexpression, and mutagenesis of the porcine proenzyme.**
J Biol Chem. 1999 Jul 9;274(28):19925-33.
PMID: 10391940 [PubMed - indexed for MEDLINE]
-  **11:** [Boehm T, Pirie-Shepherd S, Trinh LB, Shiloach J, Folkman J.](#) [Related Articles, Links](#)
 **Disruption of the KEX1 gene in Pichia pastoris allows expression of full-length murine and human endostatin.**
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PMID: 10196219 [PubMed - indexed for MEDLINE]
-  **13:** [Bellu AR, van der Klei IJ, Rechinger KB, Yavuz M, Veenhuis M, Kiel JA.](#) [Related Articles, Links](#)
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PMID: 10077185 [PubMed - indexed for MEDLINE]
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 **The vanadate-tolerant yeast Hansenula polymorpha undergoes cellular reorganization during growth in, and recovery from, the presence of vanadate.**
Microbiology. 1998 Sep;144 (Pt 9):2589-97.
PMID: 9782508 [PubMed - indexed for MEDLINE]
-  **15:** [Reverter D, Ventura S, Villegas V, Vendrell J, Aviles FX.](#) [Related Articles, Links](#)
 **Overexpression of human procarboxypeptidase A2 in Pichia pastoris and detailed characterization of its activation pathway.**
J Biol Chem. 1998 Feb 6;273(6):3535-41.
PMID: 9452479 [PubMed - indexed for MEDLINE]
-  **16:** [Reverter D, Garcia-Saez I, Catasus L, Vendrell J, Coll M, Aviles](#) [Related Articles, Links](#)

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Characterisation and preliminary X-ray diffraction analysis of human pancreatic procarboxypeptidase A2.

FEBS Lett. 1997 Dec 22;420(1):7-10.

PMID: 9450539 [PubMed - indexed for MEDLINE]

- ☐ 17: [Ohtani W, Masaki A, Ikeda Y, Hirose M, Chuganji M, Takeshima K, Kondo M, Sumi A, Ohmura T.](#)

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[Structure of recombinant human serum albumin from *Pichia pastoris*]

Yakugaku Zasshi. 1997 Apr;117(4):220-32. Japanese. Erratum in: Yakugaku Zasshi 1997 Dec;117(12):1033.

PMID: 9167443 [PubMed - indexed for MEDLINE]

- ☐ 18: [Ohi H, Ohtani W, Okazaki N, Furuhashi N, Ohmura T.](#)

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Cloning and characterization of the *Pichia pastoris* PRC1 gene encoding carboxypeptidase Y.

Yeast. 1996 Jan;12(1):31-40.

PMID: 8789258 [PubMed - indexed for MEDLINE]

- ☐ 19: [Suzuki C, Nikkuni S.](#)

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The primary and subunit structure of a novel type killer toxin produced by a halotolerant yeast, *Pichia farinosa*.

J Biol Chem. 1994 Jan 28;269(4):3041-6.

PMID: 8300637 [PubMed - indexed for MEDLINE]

- ☐ 20: [Despreaux CW, Manning RF.](#)

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The *dacA* gene of *Bacillus stearothermophilus* coding for D-alanine carboxypeptidase: cloning, structure and expression in *Escherichia coli* and *Pichia pastoris*.

Gene. 1993 Sep 6;131(1):35-41.

PMID: 8370539 [PubMed - indexed for MEDLINE]

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